

Adaptive designs in dose-response experiments.

José Antonio Moler¹, Fernando Plo², Henar Urmeneta³, Arkaitz Galbete⁴

¹jmoler@unavarra.es, Department of Statistics and Operations Research, Public University of Navarre

²fplo@unizar.es, Department of Mathematics, University of Zaragoza

³henar@unavarra.es, Department of Statistics and Operations Research, Public University of Navarre

⁴ arkaitz.galbete.jimenez@navarra.es, Navarrabiomed-Fundación Miguel Servet

We present new tools for the comparison of adaptive designs in phase I and phase II clinical trials. The main goal in these phases is to estimate the percentiles of the distribution of the response variable, which allows measuring the toxicity and efficacy of the new treatments. The mixture between both inferential criteria and ethical criteria in order to evaluate the performance of these adaptive designs is addressed in this work.

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